

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	88	inter\$1carrier near2 (interference or distortion or noise) and (difference or subtract\$3) and OFDM and "455"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L2	6807413	@ad<="200041014"	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L3	88	L1 and L2	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L4	1675	spatial near4 derivative	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L5	1424	L4 and (subtract\$3 or difference)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L6	1330057	L5 and inter\$1carrier (noise or interference or distortion)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L7	1	L5 and inter\$1carrier near2 (noise or interference or distortion)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L8	209810	L4 and "455"/\$.ccls. or "370"/\$.ccls. or "375"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L9	44	L4 and ("455"/\$.ccls. or "370"/\$.ccls. or "375"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L10	2736	455/137.ccls. or 455/132.ccls. or 455/295.ccls. or 455/296.ccls. or 455/297.ccls.	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L11	14	L10 and (subtract\$3 or difference) and inter\$1carrier near4 (noise or distortion or interference)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L12	69	(subtract\$3 or difference) and inter\$1carrier near4 (noise or distortion or interference) and second near2 antenna	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L13	3593	455/272.ccls. or 455/273.ccls. or 455/275.ccls. or 455/276.1.ccls. or 455/278.1.ccls. or 455/283.ccls. or 455/284.ccls. or 455/295.ccls. or 455/296.ccls. or 455/297.ccls. or 455/303.ccls.	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L14	4443101	@ad<="20030903"	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L15	2055	L13 and L14	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50

L16	571	L15 and diversity	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L17	346	L16 and difference	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L18	1	L17 and (ICI or (inter\$1carrier adj interference))	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L19	8	L15 and (ICI or (inter\$1carrier adj interference))	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L20	892	difference and (ICI or (inter \$1carrier adj interference)) and diversity	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L21	401	L20 and L14	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L22	10	L21 and second near4 antenna	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L23	1	"6397067".pn.	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L24	1	"6134262".pn.	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L25	88	inter\$1carrier near2 (interference or distortion or noise) and (difference or subtract\$3) and OFDM and "455"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L26	6807413	@ad<="200041014"	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L27	88	L25 and L26	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L28	1675	spatial near4 derivative	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L29	1424	L28 and (subtract\$3 or difference)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L30	1330057	L29 and inter\$1carrier (noise or interference or distortion)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L31	1	L29 and inter\$1carrier near2 (noise or interference or distortion)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L32	209810	L28 and "455"/\$.ccls. or "370"/ \$.ccls. or "375"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L33	44	L28 and ("455"/\$.ccls. or "370"/ \$.ccls. or "375"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L34	2736	455/137.ccls. or 455/132.ccls. or 455/295.ccls. or 455/296. ccls. or 455/297.ccls.	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L35	14	L34 and (subtract\$3 or difference) and inter\$1carrier near4 (noise or distortion or interference)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50

L36	69	(subtract\$3 or difference) and inter\$1carrier near4 (noise or distortion or interference) and second near2 antenna	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L37	3593	455/272.ccls. or 455/273.ccls. or 455/275.ccls. or 455/276.1.ccls. or 455/278.1.ccls. or 455/283.ccls. or 455/284.ccls. or 455/295.ccls. or 455/296.ccls. or 455/297.ccls. or 455/303.ccls.	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L38	4443101	@ad<="20030903"	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L39	2055	L37 and L38	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L40	571	L39 and diversity	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L41	346	L40 and difference	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L42	1	L41 and (ICI or (inter\$1carrier adj interference))	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L43	8	L39 and (ICI or (inter\$1carrier adj interference))	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L44	892	difference and (ICI or (inter\$1carrier adj interference)) and diversity	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L45	401	L44 and L38	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L46	10	L45 and second near4 antenna	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L47	1	"6397067".pn.	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L48	1	"6134262".pn.	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L49	3	(motion or moving or mobile) near4 (radio or reciever) and spatial near2 derivative same (distortion or interference or noise)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L50	198	spatial near2 derivative same (distortion or interference or noise)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L51	6807413	@ad<="200041014"	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L52	198	L50 and L51	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L53	6	L52 and ("455"/\$.ccls. or "370"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50

L54	5179521	second (fourier near2 transform\$5 or FFT) and second near2 antenna and (distortion or noise or interference) near4 (mitigat\$3 or cancel\$5 or reduc\$4 or eliminat\$3)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L55	68	second near2 (fourier near2 transform\$5 or FFT) and second near2 antenna and (distortion or noise or interference) near4 (mitigat\$3 or cancel\$5 or reduc\$4 or eliminat\$3)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L56	68	L55 and L51	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L57	6	channel adj transfer same (time or temporal) near2 derivative	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L58	6	L57 and L51	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L59	4443101	@ad<="20030903"	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L60	1	L59 and L57	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L61	327459	(distortion or noise or interference) near4 (mitigat\$3 or cancel\$5 or reduc\$4 or eliminat\$3) or ICI and (time or temporal) near2 derivative	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L62	2534	((distortion or noise or interference) near4 (mitigat\$3 or cancel\$5 or reduc\$4 or eliminat\$3) or ICI) and (time or temporal) near2 derivative	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L63	1	L62 and L49	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L64	4849	L59 and ofdm	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L65	246	L64 and ICI	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L66	8	L65 and second adj antenna	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L67	506	L64 and second near4 antenna	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L68	29	second adj antenna near4 (adder or subtractor)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L69	21	L68 and L59	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50

L70	2837	second near2 antenna with (adder or addition or additive or subtractor or subtracting or subtraction or sum or summing or summation or combin\$4)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L71	1221	L70 and L59	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L72	327595	(distortion or noise or interference or ICI) near4 (mitigat\$3 or cancel\$5 or reduc\$4 or eliminat\$3)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L73	337	L71 and L72	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L74	17	rake adj antenna	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L75	14	("5260711").URPN.	USPAT	OR	ON	2010/03/23 16:50
L76	5	("4204655"   "4656642"   "4888593"   "5041836"   "5107273").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 16:50
L77	42	("4888593").URPN.	USPAT	OR	ON	2010/03/23 16:50
L78	2	("3699444"   "4044359").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 16:50
L79	26	("5125108").URPN.	USPAT	OR	ON	2010/03/23 16:50
L80	41	(time or temporal) near4 derivative near4 (channel or transfer) near4 function	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L81	4	L80 and diversity	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L82	774	direction near4 motion and diversity	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L83	40	L82 and second near4 antenna	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L84	1176	(dvb or dvb\$1t) and diversity	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L85	206	L84 and second near4 antenna	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L86	1565	(signal near4 (noise or distortion) or ICI) and second near4 antenna with (subtract\$3 or differ\$4)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L87	6807413	@ad<="200041014"	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L88	1565	L86 and L87	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L89	4443101	@ad<="20030903"	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50

L90	1433850	@rlad<="20030903"	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L91	344	L86 and L90	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L92	23	("20020008656"   "4565996"   "4595915"   "4728955"   "4739328"   "5510795"   "5552788"   "5572220"   "5592181"   "5648767"   "5657027"   "5675342"   "5701127"   "5710566"   "5751227"   "5790052"   "5952922"   "6046683"   "6137411"   "6169519"   "6184841"   "6437706"   "6476756").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 16:50
L93	709	L86 and L89	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L94	513	L93 not L91	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L95	20	("5117505").URPN.	USPAT	OR	ON	2010/03/23 16:50
L96	269	(cancel or reduce or mitigate or attenuate) near4 (ICI or distortion or noise or interference) and second near4 antenna near4 (subtract or difference or sum or summation or summing or combine or combining or subtracting or subtraction)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L97	4	2003/0207688	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L98	2	"20030207688"	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L99	134	L96 and L89	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L100	3037	microwave near4 (radio or rf) and radar	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L101	1723	L100 and L89	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L102	1207	"spatial derivative"	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L103	0	L102 and diversitty	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L104	16	L102 and diversity	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L105	23092	"spatial" near4 (derivative or filter\$3)	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L106	949	L105 and diversity	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50

L107	198	L106 and "455"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L120	299	(US-5774795-\$ or US-5952897-\$ or US-6177906-\$ or US-4364048-\$ or US-4856084-\$ or US-5184076-\$ or US-5296866-\$ or US-5361074-\$ or US-5486830-\$ or US-5828331-\$ or US-4291310-\$ or US-4322857-\$ or US-4439770-\$ or US-4791390-\$ or US-4800369-\$ or US-4857935-\$ or US-4931977-\$ or US-4974086-\$ or US-5014061-\$ or US-5461386-\$ or US-5486833-\$ or US-5561430-\$ or US-5659300-\$ or US-5708443-\$ or US-5969332-\$ or US-6023203-\$).did. or (US-6037903-\$ or US-6058318-\$ or US-6115409-\$ or US-6166683-\$ or US-6188348-\$ or US-6201841-\$ or US-4245348-\$ or US-4245334-\$ or US-4268829-\$ or US-4283767-\$ or US-4320523-\$ or US-4326289-\$ or US-4353068-\$ or US-4359738-\$ or US-4412341-\$ or US-4446433-\$ or US-4493111-\$ or US-4509209-\$ or US-4510490-\$ or US-4510489-\$ or US-4528566-\$ or US-4529984-\$ or US-4539710-\$ or US-4575709-\$ or US-4602274-\$ or US-4604626-\$ or US-4620315-\$). did. or (US-4622543-\$ or US-4631495-\$ or US-4766384-\$ or US-4788501-\$ or US-4801941-\$ or US-4810980-\$ or US-4825214-\$ or US-4857852-\$ or US-4862182-\$ or US-4874319-\$ or US-4880212-\$ or US-4939766-\$ or US-4942534-\$ or US-4991585-\$ or US-4999636-\$ or US-5003911-\$ or US-5208756-\$ or US-5280641-\$ or US-5302957-\$ or US-5317266-\$ or US-5349700-\$ or US-5351057-\$ or US-5398276-\$ or US-5410750-\$ or US-5420568-\$ or US-5430378-\$ or US-5440310-\$).did. or (US-5450089-\$ or US-5465408-\$ or US-5471196-\$ or US-5473252-\$ or US-5473333-\$ or US-5475442-\$ or US-5493307-\$ or US-5532699-\$ or US-5546081-\$ or US-5548837-\$ or US-5552792-\$ or US-5563617-\$ or	USPAT	OR	ON	2010/03/23 16:50

US-5564421-\$ or US-5583504-\$ or US-5600246-\$ or US-5620480-\$ or US-5675424-\$ or US-5686928-\$ or US-5694133-\$ or US-5697083-\$ or US-5699802-\$ or US-5732332-\$ or US-5757439-\$ or US-5760734-\$ or US-5787126-\$ or US-5796366-\$ or US-5809058-\$). did. or (US-5812612-\$ or US-5815076-\$ or US-5819168-\$ or US-5819161-\$ or US-5818389-\$ or US-5832044-\$ or US-5850200-\$ or US-5856639-\$ or US-5894598-\$ or US-5907302-\$ or US-5907582-\$ or US-5920285-\$ or US-5924020-\$ or US-5930697-\$ or US-5940291-\$ or US-5950112-\$ or US-5952818-\$ or US-5963583-\$ or US-5969682-\$ or US-5970085-\$ or US-5982336-\$ or US-5987037-\$ or US-5990750-\$ or US-5995006-\$ or US-6011962-\$ or US-6014413-\$ or US-6021318-\$). did. or (US-6049315-\$ or US-6052378-\$ or US-6057806-\$ or US-6058105-\$ or US-6058297-\$ or US-6061387-\$ or US-6061631-\$ or US-6084545-\$ or US-6111416-\$ or US-6118084-\$ or US-6122083-\$ or US-6121934-\$ or US-6128557-\$ or US-6127986-\$ or US-6127981-\$ or US-6130645-\$ or US-6137785-\$ or US-6144340-\$ or US-6157685-\$ or US-6163296-\$ or US-6163754-\$ or US-6172970-\$ or US-6201955-\$ or US-6236372-\$ or US-6239721-\$ or US-6240367-\$ or US-4244036-\$). did. or (US-4255816-\$ or US-4255791-\$ or US-4268828-\$ or US-4278978-\$ or US-4295155-\$ or US-4301454-\$ or US-4303922-\$ or US-4303921-\$ or US-4306500-\$ or US-4308535-\$ or US-4309773-\$ or US-4314378-\$ or US-4315260-\$ or US-4317213-\$ or US-4318109-\$ or US-4319248-\$ or US-4321601-\$ or US-4326294-\$ or US-4328589-\$ or US-4331958-\$ or US-4332032-\$ or US-4333076-\$ or US-4336542-\$ or US-4347627-\$ or US-4350985-\$ or US-4352200-\$ or US-



4355312-\$).did. or (US-  
4355411-\$ or US-4359734-\$ or  
US-4360741-\$ or US-4360813-  
\$ or US-4366450-\$ or US-  
4369521-\$ or US-4373210-\$ or  
US-4376952-\$ or US-4378596-  
\$ or US-4380014-\$ or US-  
4382259-\$ or US-4384331-\$ or  
US-4387373-\$ or US-4397036-  
\$ or US-4398303-\$ or US-  
4408205-\$ or US-4414687-\$ or  
US-4417279-\$ or US-4429415-  
\$ or US-4433336-\$ or US-  
4434440-\$ or US-4443790-\$ or  
US-4450419-\$ or US-4451108-  
\$ or US-4461034-\$ or US-  
4462098-\$ or US-4463308-\$).  
did. or (US-4464662-\$ or US-  
4470046-\$ or US-4469386-\$ or  
US-4473755-\$ or US-4475715-  
\$ or US-4491972-\$ or US-  
4491971-\$ or US-4494076-\$ or  
US-4495653-\$ or US-4495851-  
\$ or US-4498885-\$ or US-  
4506385-\$ or US-RE31851-\$ or  
US-4509204-\$ or US-4511842-  
\$ or US-4516126-\$ or US-  
4519096-\$ or US-4519003-\$ or  
US-4518958-\$ or US-4520507-  
\$ or US-4520361-\$ or US-  
4525869-\$ or US-4527160-\$ or  
US-4532543-\$ or US-4532501-  
\$ or US-4533916-\$ or US-  
4538175-\$).did. or (US-  
4542532-\$ or US-4544926-\$ or  
US-4549310-\$ or US-4562465-  
\$ or US-4567591-\$ or US-  
4573212-\$ or US-4574242-\$ or  
US-4577226-\$ or US-4580287-  
\$ or US-4584709-\$ or US-  
4586051-\$ or US-4594595-\$ or  
US-4596986-\$ or US-4603297-  
\$ or US-4608701-\$ or US-  
4609905-\$ or US-4613862-\$ or  
US-4621266-\$ or US-4622554-  
\$ or US-4625210-\$ or US-  
4626857-\$ or US-4626853-\$ or  
US-4628321-\$ or US-4628320-  
\$ or US-4630119-\$ or US-  
4631543-\$ or US-4631473-\$).  
did. or (US-4755828-\$ or US-  
4757322-\$ or US-4758839-\$ or  
US-4758841-\$ or US-4763074-  
\$ or US-4763082-\$ or US-  
4766383-\$ or US-4769853-\$ or  
US-4771287-\$ or US-4777438-  
\$ or US-4777491-\$ or US-  
4779620-\$ or US-4780721-\$ or

		US-4782307-\$ or US-4789897-\$ or US-4792760-\$ or US-4792991-\$ or US-4792992-\$ or US-4794400-\$ or US-4794929-\$ or US-4801940-\$ or US-4805229-\$ or US-4811031-\$ or US-4816766-\$ or US-4816834-\$ or US-4819053-\$ or US-4819069-\$).did. or (US-4821120-\$ or US-4823134-\$ or US-4831384-\$).did.				
L121	0	L120 and L102	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L122	45	L120 and spatial	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L123	7	455/297.ccls. and 455/278.1.ccls.	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
L124	404	455/278.1.ccls.	US-PGPUB; USPAT	OR	ON	2010/03/23 16:50
S1	40	inter\$1carrier near2 (interference or distortion or noise) and (difference or subtract\$3) and OFDM and "455"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/30 10:02
S2	5496284	@ad<="200041014"	US-PGPUB; USPAT	OR	ON	2007/08/23 15:24
S3	40	S1 and S2	US-PGPUB; USPAT	OR	ON	2007/08/23 15:34
S4	1170	spatial near4 derivative	US-PGPUB; USPAT	OR	ON	2007/08/23 15:36
S5	985	S4 and (subtract\$3 or difference)	US-PGPUB; USPAT	OR	ON	2007/08/23 15:35
S6	1038920	S5 and inter\$1carrier (noise or interference or distortion)	US-PGPUB; USPAT	OR	ON	2007/08/23 15:36
S7	1	S5 and inter\$1carrier near2 (noise or interference or distortion)	US-PGPUB; USPAT	OR	ON	2007/08/23 15:36
S8	137258	S4 and "455"/\$.ccls. or "370"/\$.ccls. or "375"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/23 15:37
S9	19	S4 and ("455"/\$.ccls. or "370"/\$.ccls. or "375"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/08/23 15:51
S10	2130	455/137.ccls. or 455/132.ccls. or 455/295.ccls. or 455/296.ccls. or 455/297.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/23 15:52
S11	8	S10 and (subtract\$3 or difference) and inter\$1carrier near4 (noise or distortion or interference)	US-PGPUB; USPAT	OR	ON	2007/08/23 15:57
S12	29	(subtract\$3 or difference) and inter\$1carrier near4 (noise or distortion or interference) and second near2 antenna	US-PGPUB; USPAT	OR	ON	2007/08/23 15:58

S13	2927	455/272.ccls. or 455/273.ccls. or 455/275.ccls. or 455/276.1.ccls. or 455/278.1.ccls. or 455/283.ccls. or 455/284.ccls. or 455/295.ccls. or 455/296.ccls. or 455/297.ccls. or 455/303.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/30 10:03
S14	4381373	@ad<="20030903"	US-PGPUB; USPAT	OR	ON	2007/08/30 10:04
S15	1990	S13 and S14	US-PGPUB; USPAT	OR	ON	2007/08/30 10:06
S16	550	S15 and diversity	US-PGPUB; USPAT	OR	ON	2007/08/30 10:13
S17	331	S16 and difference	US-PGPUB; USPAT	OR	ON	2007/08/30 10:13
S18	0	S17 and (ICI or (inter\$1carrier adj interference))	US-PGPUB; USPAT	OR	ON	2007/08/30 10:14
S19	7	S15 and (ICI or (inter\$1carrier adj interference))	US-PGPUB; USPAT	OR	ON	2007/08/30 10:56
S20	615	difference and (ICI or (inter \$1carrier adj interference)) and diversity	US-PGPUB; USPAT	OR	ON	2007/08/30 10:56
S21	367	S20 and S14	US-PGPUB; USPAT	OR	ON	2007/08/30 10:56
S22	8	S21 and second near4 antenna	US-PGPUB; USPAT	OR	ON	2007/08/30 11:12
S23	1	"6397067".pn.	US-PGPUB; USPAT	OR	ON	2007/08/30 11:13
S24	1	"6134262".pn.	US-PGPUB; USPAT	OR	ON	2007/08/30 11:13
S25	52	inter\$1carrier near2 (interference or distortion or noise) and (difference or subtract\$3) and OFDM and "455"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S26	5741087	@ad<="200041014"	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S27	52	S25 and S26	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S28	1269	spatial near4 derivative	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S29	1073	S28 and (subtract\$3 or difference)	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S30	1092901	S29 and inter\$1carrier (noise or interference or distortion)	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S31	1	S29 and inter\$1carrier near2 (noise or interference or distortion)	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S32	159281	S28 and "455"/\$.ccls. or "370"/\$.ccls. or "375"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12

S33	33	S28 and ("455"/\$.ccls. or "370"/\$.ccls. or "375"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S34	2232	455/137.ccls. or 455/132.ccls. or 455/295.ccls. or 455/296.ccls. or 455/297.ccls.	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S35	10	S34 and (subtract\$3 or difference) and inter\$1carrier near4 (noise or distortion or interference)	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S36	35	(subtract\$3 or difference) and inter\$1carrier near4 (noise or distortion or interference) and second near2 antenna	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S37	3046	455/272.ccls. or 455/273.ccls. or 455/275.ccls. or 455/276.1.ccls. or 455/278.1.ccls. or 455/283.ccls. or 455/284.ccls. or 455/295.ccls. or 455/296.ccls. or 455/297.ccls. or 455/303.ccls.	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S38	4400464	@ad<="20030903"	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S39	2010	S37 and S38	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S40	557	S39 and diversity	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S41	335	S40 and difference	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S42	1	S41 and (ICI or (inter\$1carrier adj interference))	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S43	8	S39 and (ICI or (inter\$1carrier adj interference))	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S44	661	difference and (ICI or (inter\$1carrier adj interference)) and diversity	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S45	380	S44 and S38	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S46	8	S45 and second near4 antenna	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S47	1	"6397067".pn.	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S48	1	"6134262".pn.	US-PGPUB; USPAT	OR	ON	2008/02/28 17:12
S49	1	(motion or moving or mobile) near4 (radio or reciever) and spatial near2 derivative same (distortion or interference or noise)	US-PGPUB; USPAT	OR	ON	2008/07/09 09:36
S50	151	spatial near2 derivative same (distortion or interference or noise)	US-PGPUB; USPAT	OR	ON	2008/07/09 09:37

S51	5922968	@ad<="200041014"	US-PGPUB; USPAT	OR	ON	2008/07/09 09:37
S52	151	S50 and S51	US-PGPUB; USPAT	OR	ON	2008/07/09 09:37
S53	3	S52 and ("455"/\$.ccls. or "370"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2008/07/09 09:38
S54	4461782	second (fourier near2 transform\$5 or FFT) and second near2 antenna and (distortion or noise or interference) near4 (mitigat\$3 or cancel\$5 or reduc\$4 or eliminat\$3)	US-PGPUB; USPAT	OR	ON	2008/07/09 09:47
S55	56	second near2 (fourier near2 transform\$5 or FFT) and second near2 antenna and (distortion or noise or interference) near4 (mitigat\$3 or cancel\$5 or reduc\$4 or eliminat\$3)	US-PGPUB; USPAT	OR	ON	2008/07/09 09:48
S56	56	S55 and S51	US-PGPUB; USPAT	OR	ON	2008/07/09 09:49
S57	6	channel adj transfer same (time or temporal) near2 derivative	US-PGPUB; USPAT	OR	ON	2008/07/09 10:10
S58	6	S57 and S51	US-PGPUB; USPAT	OR	ON	2008/07/09 10:10
S59	4412992	@ad<="20030903"	US-PGPUB; USPAT	OR	ON	2008/07/09 10:12
S60	1	S59 and S57	US-PGPUB; USPAT	OR	ON	2008/07/09 10:12
S61	275994	(distortion or noise or interference) near4 (mitigat\$3 or cancel\$5 or reduc\$4 or eliminat\$3) or ICI and (time or temporal) near2 derivative	US-PGPUB; USPAT	OR	ON	2008/07/09 10:14
S62	2183	((distortion or noise or interference) near4 (mitigat\$3 or cancel\$5 or reduc\$4 or eliminat\$3) or ICI) and (time or temporal) near2 derivative	US-PGPUB; USPAT	OR	ON	2008/07/09 10:15
S63	1	S62 and S49	US-PGPUB; USPAT	OR	ON	2008/07/09 10:16
S64	4562	S59 and ofdm	US-PGPUB; USPAT	OR	ON	2008/07/09 10:16
S65	229	S64 and ICI	US-PGPUB; USPAT	OR	ON	2008/07/09 10:16
S66	8	S65 and second adj antenna	US-PGPUB; USPAT	OR	ON	2008/07/09 10:16
S67	473	S64 and second near4 antenna	US-PGPUB; USPAT	OR	ON	2008/07/09 10:17

S68	25	second adj antenna near4 (adder or subtractor)	US-PGPUB; USPAT	OR	ON	2008/07/09 10:25
S69	20	S68 and S59	US-PGPUB; USPAT	OR	ON	2008/07/09 10:25
S70	2136	second near2 antenna with (adder or addition or additive or subtractor or subtracting or subtraction or sum or summing or summation or combin\$4)	US-PGPUB; USPAT	OR	ON	2008/07/09 10:30
S71	1200	S70 and S59	US-PGPUB; USPAT	OR	ON	2008/07/09 10:30
S72	276096	(distortion or noise or interference or ICI) near4 (mitigat\$3 or cancel\$5 or reduc \$4 or eliminat\$3)	US-PGPUB; USPAT	OR	ON	2008/07/09 10:31
S73	331	S71 and S72	US-PGPUB; USPAT	OR	ON	2008/07/09 10:31
S74	14	rake adj antenna	US-PGPUB; USPAT	OR	ON	2008/07/09 10:51
S75	12	("5260711").URPN.	USPAT	OR	ON	2008/07/09 11:11
S76	5	("4204655"   "4656642"   "4888593"   "5041836"   "5107273").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/09 11:12
S77	38	("4888593").URPN.	USPAT	OR	ON	2008/07/09 11:13
S78	2	("3699444"   "4044359").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/09 11:16
S79	24	("5125108").URPN.	USPAT	OR	ON	2008/07/09 11:17
S80	38	(time or temporal) near4 derivative near4 (channel or transfer) near4 function	US-PGPUB; USPAT	OR	ON	2009/02/20 13:07
S81	4	S80 and diversity	US-PGPUB; USPAT	OR	ON	2009/02/20 13:08
S82	677	direction near4 motion and diversity	US-PGPUB; USPAT	OR	ON	2009/02/20 13:11
S83	36	S82 and second near4 antenna	US-PGPUB; USPAT	OR	ON	2009/02/20 13:11
S84	766	(dvb or dvb\$1t) and diversity	US-PGPUB; USPAT	OR	ON	2009/02/20 13:40
S85	146	S84 and second near4 antenna	US-PGPUB; USPAT	OR	ON	2009/02/20 13:41
S86	1277	(signal near4 (noise or distortion) or ICI) and second near4 antenna with (subtract\$3 or differ\$4)	US-PGPUB; USPAT	OR	ON	2009/02/24 10:11
S87	6243131	@ad<="200041014"	US-PGPUB; USPAT	OR	ON	2009/02/24 10:12

S88	1277	S86 and S87	US-PGPUB; USPAT	OR	ON	2009/02/24 10:12
S89	4426907	@ad<="20030903"	US-PGPUB; USPAT	OR	ON	2009/02/24 10:12
S90	1383713	@rlad<="20030903"	US-PGPUB; USPAT	OR	ON	2009/02/24 10:12
S91	312	S86 and S90	US-PGPUB; USPAT	OR	ON	2009/02/24 10:13
S92	23	("20020008656"   "4565996"   "4595915"   "4728955"   "4739328"   "5510795"   "5552788"   "5572220"   "5592181"   "5648767"   "5657027"   "5675342"   "5701127"   "5710566"   "5751227"   "5790052"   "5952922"   "6046683"   "6137411"   "6169519"   "6184841"   "6437706"   "6476756").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/24 11:12
S93	698	S86 and S89	US-PGPUB; USPAT	OR	ON	2009/02/24 11:34
S94	505	S93 not S91	US-PGPUB; USPAT	OR	ON	2009/02/24 11:34
S95	18	("5117505").URPN.	USPAT	OR	ON	2009/02/24 12:37
S96	240	(cancel or reduce or mitigate or attenuate) near4 (ICI or distortion or noise or interference) and second near4 antenna near4 (subtract or difference or sum or summation or summing or combine or combining or subtracting or subtraction)	US-PGPUB; USPAT	OR	ON	2009/02/24 12:46
S97	3	2003/0207688	US-PGPUB; USPAT	OR	ON	2009/02/24 13:01
S98	2	"20030207688"	US-PGPUB; USPAT	OR	ON	2009/02/24 13:01
S99	132	S96 and S89	US-PGPUB; USPAT	OR	ON	2009/02/24 13:04
S100	2669	microwave near4 (radio or rf) and radar	US-PGPUB; USPAT	OR	ON	2009/02/24 13:51
S101	1715	S100 and S89	US-PGPUB; USPAT	OR	ON	2009/02/24 13:52
S102	1120	"spatial derivative"	US-PGPUB; USPAT	OR	ON	2009/08/21 10:56
S103	0	S102 and diversitty	US-PGPUB; USPAT	OR	ON	2009/08/21 10:56
S104	13	S102 and diversity	US-PGPUB; USPAT	OR	ON	2009/08/21 10:56

S105	21673	"spatial" near4 (derivative or filter\$3)	US-PGPUB; USPAT	OR	ON	2009/08/21 10:58
S106	862	S105 and diversity	US-PGPUB; USPAT	OR	ON	2009/08/21 10:59
S107	178	S106 and "455"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/21 10:59
S108	299	(US-5774795-\$ or US-5952897-\$ or US-6177906-\$ or US-4364048-\$ or US-4856084-\$ or US-5184076-\$ or US-5296866-\$ or US-5361074-\$ or US-5486830-\$ or US-5828331-\$ or US-4291310-\$ or US-4322857-\$ or US-4439770-\$ or US-4791390-\$ or US-4800369-\$ or US-4857935-\$ or US-4931977-\$ or US-4974086-\$ or US-5014061-\$ or US-5461386-\$ or US-5486833-\$ or US-5561430-\$ or US-5659300-\$ or US-5708443-\$ or US-5969332-\$ or US-6023203-\$).did. or (US-6037903-\$ or US-6058318-\$ or US-6115409-\$ or US-6166683-\$ or US-6188348-\$ or US-6201841-\$ or US-4245348-\$ or US-4245334-\$ or US-4268829-\$ or US-4283767-\$ or US-4320523-\$ or US-4326289-\$ or US-4353068-\$ or US-4359738-\$ or US-4412341-\$ or US-4446433-\$ or US-4493111-\$ or US-4509209-\$ or US-4510490-\$ or US-4510489-\$ or US-4528566-\$ or US-4529984-\$ or US-4539710-\$ or US-4575709-\$ or US-4602274-\$ or US-4604626-\$ or US-4620315-\$). did. or (US-4622543-\$ or US-4631495-\$ or US-4766384-\$ or US-4788501-\$ or US-4801941-\$ or US-4810980-\$ or US-4825214-\$ or US-4857852-\$ or US-4862182-\$ or US-4874319-\$ or US-4880212-\$ or US-4939766-\$ or US-4942534-\$ or US-4991585-\$ or US-4999636-\$ or US-5003911-\$ or US-5208756-\$ or US-5280641-\$ or US-5302957-\$ or US-5317266-\$ or US-5349700-\$ or US-5351057-\$ or US-5398276-\$ or US-5410750-\$ or US-5420568-\$ or US-5430378-\$ or US-5440310-\$).did. or (US-5450089-\$ or US-5465408-\$ or US-5471196-\$ or US-5473252-	USPAT	OR	ON	2009/08/21 12:20



\$ or US-5473333-\$ or US-5475442-\$ or US-5493307-\$ or US-5532699-\$ or US-5546081-\$ or US-5548837-\$ or US-5552792-\$ or US-5563617-\$ or US-5564421-\$ or US-5583504-\$ or US-5600246-\$ or US-5620480-\$ or US-5675424-\$ or US-5686928-\$ or US-5694133-\$ or US-5697083-\$ or US-5699802-\$ or US-5732332-\$ or US-5757439-\$ or US-5760734-\$ or US-5787126-\$ or US-5796366-\$ or US-5809058-). did. or (US-5812612-\$ or US-5815076-\$ or US-5819168-\$ or US-5819161-\$ or US-5818389-\$ or US-5832044-\$ or US-5850200-\$ or US-5856639-\$ or US-5894598-\$ or US-5907302-\$ or US-5907582-\$ or US-5920285-\$ or US-5924020-\$ or US-5930697-\$ or US-5940291-\$ or US-5950112-\$ or US-5952818-\$ or US-5963583-\$ or US-5969682-\$ or US-5970085-\$ or US-5982336-\$ or US-5987037-\$ or US-5990750-\$ or US-5995006-\$ or US-6011962-\$ or US-6014413-\$ or US-6021318-).did. or (US-6049315-\$ or US-6052378-\$ or US-6057806-\$ or US-6058105-\$ or US-6058297-\$ or US-6061387-\$ or US-6061631-\$ or US-6084545-\$ or US-6111416-\$ or US-6118084-\$ or US-6122083-\$ or US-6121934-\$ or US-6128557-\$ or US-6127986-\$ or US-6127981-\$ or US-6130645-\$ or US-6137785-\$ or US-6144340-\$ or US-6157685-\$ or US-6163296-\$ or US-6163754-\$ or US-6172970-\$ or US-6201955-\$ or US-6236372-\$ or US-6239721-\$ or US-6240367-\$ or US-4244036-). did. or (US-4255816-\$ or US-4255791-\$ or US-4268828-\$ or US-4278978-\$ or US-4295155-\$ or US-4301454-\$ or US-4303922-\$ or US-4303921-\$ or US-4306500-\$ or US-4308535-\$ or US-4309773-\$ or US-4314378-\$ or US-4315260-\$ or US-4317213-\$ or US-4318109-\$ or US-4319248-\$ or US-4321601-\$ or US-4326294-\$ or

US-4328589-\$ or US-4331958-\$ or US-4332032-\$ or US-4333076-\$ or US-4336542-\$ or US-4347627-\$ or US-4350985-\$ or US-4352200-\$ or US-4355312-\$).did. or (US-4355411-\$ or US-4359734-\$ or US-4360741-\$ or US-4360813-\$ or US-4366450-\$ or US-4369521-\$ or US-4373210-\$ or US-4376952-\$ or US-4378596-\$ or US-4380014-\$ or US-4382259-\$ or US-4384331-\$ or US-4387373-\$ or US-4397036-\$ or US-4398303-\$ or US-4408205-\$ or US-4414687-\$ or US-4417279-\$ or US-4429415-\$ or US-4433336-\$ or US-4434440-\$ or US-4443790-\$ or US-4450419-\$ or US-4451108-\$ or US-4461034-\$ or US-4462098-\$ or US-4463308-\$).did. or (US-4464662-\$ or US-4470046-\$ or US-4469386-\$ or US-4473755-\$ or US-4475715-\$ or US-4491972-\$ or US-4491971-\$ or US-4494076-\$ or US-4495653-\$ or US-4495851-\$ or US-4498885-\$ or US-4506385-\$ or US-RE31851-\$ or US-4509204-\$ or US-4511842-\$ or US-4516126-\$ or US-4519096-\$ or US-4519003-\$ or US-4518958-\$ or US-4520507-\$ or US-4520361-\$ or US-4525869-\$ or US-4527160-\$ or US-4532543-\$ or US-4532501-\$ or US-4533916-\$ or US-4538175-\$).did. or (US-4542532-\$ or US-4544926-\$ or US-4549310-\$ or US-4562465-\$ or US-4567591-\$ or US-4573212-\$ or US-4574242-\$ or US-4577226-\$ or US-4580287-\$ or US-4584709-\$ or US-4586051-\$ or US-4594595-\$ or US-4596986-\$ or US-4603297-\$ or US-4608701-\$ or US-4609905-\$ or US-4613862-\$ or US-4621266-\$ or US-4622554-\$ or US-4625210-\$ or US-4626857-\$ or US-4626853-\$ or US-4628321-\$ or US-4628320-\$ or US-4630119-\$ or US-4631543-\$ or US-4631473-\$).did. or (US-4755828-\$ or US-4757322-\$ or US-4758839-\$ or US-4758841-\$ or US-4763074-

		\$ or US-4763082-\$ or US-4766383-\$ or US-4769853-\$ or US-4771287-\$ or US-4777438-\$ or US-4777491-\$ or US-4779620-\$ or US-4780721-\$ or US-4782307-\$ or US-4789897-\$ or US-4792760-\$ or US-4792991-\$ or US-4792992-\$ or US-4794400-\$ or US-4794929-\$ or US-4801940-\$ or US-4805229-\$ or US-4811031-\$ or US-4816766-\$ or US-4816834-\$ or US-4819053-\$ or US-4819069-\$).did. or (US-4821120-\$ or US-4823134-\$ or US-4831384-\$).did.				
S109	0	S108 and S102	US-PGPUB; USPAT	OR	ON	2009/08/21 12:20
S110	45	S108 and spatial	US-PGPUB; USPAT	OR	ON	2009/08/21 12:20
S111	7	455/297.ccls. and 455/278.1.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/21 12:33
S112	384	455/278.1.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/21 12:33

**3/ 23/ 2010 4:59:29 PM**

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